



Water Conservation as an Alternative Water Supply

**Sustainable Water Resources Symposium
U of F Water Institute
February 28, 2008**

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Considered Observations

Water Conservation has Two Objectives:
Supply Enhancement
Demand Efficiency

Conservation Programs Need:

- Resource Protection Assurance**
- Economic Equity**
- Partnerships of Vested Beneficiaries**
- Actions based on Proven BMPs**
- Meaningful Implementation Plans**
- Cost Effectiveness**



Considered Observations

- Water Use Efficiency is an Alternative Supply Source**
- It's More Often than Not- Less Expensive than Other AWS Methods**
- The Challenge: a Major Paradigm Shift**
- Focus on Technology**
- Supplement with Public Education**
- Document, Share Data (CF Clearinghouse)**



Roles and Responsibilities

Government / Private Sector

Roles and Responsibilities

Government

Statutes

Policies

Planning

Research

Rules

Regulation

Funding

Coordination



Roles and Responsibilities

Private Sector

**Response/ Imagination
Implementation
Participation
Data**

Means of Implementing Successful Water Use Efficiency Efforts BMPs and Measures

Landscape Irrigation Technology

Commercial, Industrial, Institutional

Commercial Cooling

Industrial Cooling Processes

Industrial Process Use

Institutional Domestic Plumbing

Residential Domestic Plumbing

Landscape Design & Irrigation Practices



Necessary Goals

Penalize Waste while Rewarding Efficiency
Make Payback Period Clear and Within Reach
Stay Current with Technology
Protect Efficiency Efforts (Water Shortages)
Appeal to Individual “Hot Buttons”



Philosophy

Protect Efficient Users from Impact

As Efficiency Progresses, Revise Techniques

Assure Equitable Treatment/ Access to Program

Base Programs on Science/Experience

- Document**
- Explain**
- Set Priorities**
- Report Experience (CF Clearinghouse)**



Future Directions

- Water Conservation Plans Must be Compatible with Long Range Regional Water Resource Plans & Water Shortage Plans**
- Prioritize Water Efficiency Efforts by Effect**
- Programs Must Protect Economic Growth and Utility Revenues- As Well as the Resource**
- All Water User Sectors Must be Involved**
- Refrain from Just Picking the Low Hanging Fruit**
- Protect/ Reward the Efficient Use of Water**



Lessons Learned

- Drought Brings Awareness of the Need to Conserve- ACT NOW !
- As the Science Improves, be Willing to Amend/Upgrade the Plans
- Make Sure ALL the Vested Interests are Behind Each Program Element
- Be Consistent in Application
- Practice What You Prescribe
- Use the ConserveFlorida "Guide"

Comments/ Questions

